

Abstract

A moisture-absorbing material and method of making same are provided. Hollow fibrous tubes of cotton are sequentially dried, combed in a direction to substantially longitudinally align the hollow fibrous tubes of cotton, and stretched, twisted about and compressed in this direction. A powder material can be mixed with the hollow fibrous tubes of cotton. The powder material is inert with respect to the hollow fibrous tubes of cotton and initiates a chemical reaction that generates water when exposed to water.